

Rabbit KIF5A Polyclonal Antibody | anti-KIF5A antibody

KIF5A antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197680	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

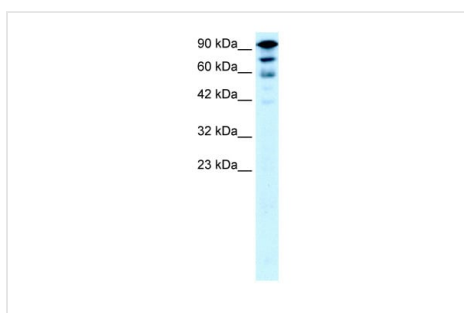
PRODUCT SYNONYMS

KIF5A; Polyclonal Antibody; KIF5A antibody - middle region; anti-KIF5A antibody

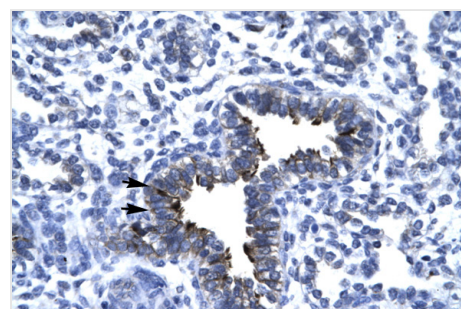
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LE ESYDSLDEL AKLQAQETVH EVALKDKEPD TQDADEVKKA LELQMESH
Sequence Length	1032
Applicable Applications for anti-KIF5A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Dog: 100%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KIF5A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

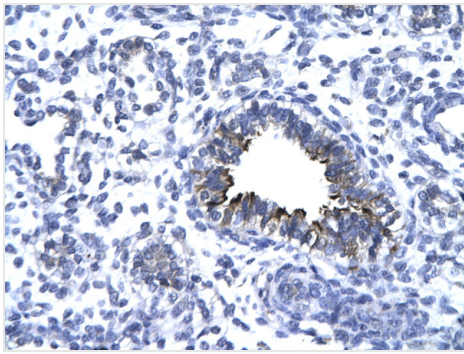
IMAGES


WB (Western Blot)

WB Suggested Anti-KIF5A Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain


IHC (Immunohistochemistry)

Rabbit Anti-KIF5A antibody Paraffin Embedded Tissue: Human Lung cell Cellular Data: bronchiole epithelium of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



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ADDITIONAL INFORMATION

Related Product Information for anti-KIF5A antibody	This is a rabbit polyclonal antibody against KIF5A. It was validated on Western Blot and immunohistochemistry Target Description: KIF5A is a member of the kinesin family of proteins. Members of this family are part of a multisubunit complex that functions as a microtubule motor in intracellular organelle transport. Mutations in this gene cause autosomal dominant spastic paraplegia 10.
Product Categories/Family for anti-KIF5A antibody	Polyclonal ; Disease Related ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	45446749
NCBI GeneID	3798
NCBI Accession #	NP_004975
NCBI GenBank Nucleotide #	NM_004984
UniProt Accession #	Q12840
Molecular Weight	117kDa
NCBI Official Full Name	kinesin heavy chain isoform 5A isoform 1
NCBI Official Synonym Full Names	kinesin family member 5A
NCBI Official Symbol	KIF5A
NCBI Official Synonym Symbols	NKHC; ALS25; MY050; NEIMY; SPG10; D12S1889
NCBI Protein Information	kinesin heavy chain isoform 5A
UniProt Protein Name	Kinesin heavy chain isoform 5A
UniProt Gene Name	KIF5A
UniProt Synonym Gene Names	NKHC1; NKHC
UniProt Entry Name	KIF5A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.